

a trigger force adjustment mechanism for adjusting a force necessary to pull the trigger to release the bow string.

Claim 3 (Original): The bow string release of claim 2, wherein the trigger force adjustment mechanism is manually adjustable without the use of a tool.

Claim 4 (Original): The bow string release of claim 2, the trigger force adjustment mechanism comprising:

at least one compression spring for developing trigger force and aiding in the closing of a locking mechanism;

an adjuster dial engaged to an adjuster and capable of being rotated thereby moving the adjuster forward or rearward;

the adjuster mounted rearwardly of and engaging the compression spring, for varying the compression of the compression spring, thereby altering the force necessary to pull the trigger to release the bow string.

Claim 5 (Original): The bow string release of claim 4, wherein the adjuster dial is threadably engaged with the adjuster.

Claim 6 (Original): The bow string release of claim 1, wherein the trigger mechanism is rotatable.

Claim 7 (Original): The bow string release of claim 1, the release further comprising a housing apparatus that carries the jaw cup.

Claim 8 (Original): The bow string release of claim 1, the release carried by a body structure selected from a group consisting of a wrist strap assembly, a glove assembly, and hand-held assembly.

Claim 9 (Original): The bow string release of claim 1, wherein the trigger force adjustment system further includes a detent assembly for maintaining accurate and repeatable adjustments of the trigger force.

Claim 10 (Original): The bow string release of claim 9, wherein the detent assembly does not produce an audible noise when the trigger force is adjusted.

Claim 11 (Original): The bow string release of claim 1, wherein the trigger mechanism includes a trigger connector having a plurality of threaded openings for receiving a trigger peg.

Claim 12 (Original): A bow string release for engaging and releasing a bow string comprising:

an axial ball housing;
a pivot ball carried by the axial ball housing;
at least two jaws carried by a jaw cup;
a trigger sleeve positioned adjacent to the jaw cup;
a trigger ring body carried by the axial ball housing;
a locking sleeve on the axial ball housing adjacent to the trigger ring;
a spring encasing the axial ball housing between the locking sleeve and an adjuster;
an adjuster dial coupled with the threaded adjuster.

Claim 13 (Original): The bow string release of claim 12, the release further comprising a bias element between the jaws.

Claim 14 (Original): The bow string release of claim 12, wherein the axial ball housing threadedly receives the pivot ball.

Claim 15 (Canceled).

Claim 16 (Currently Amended): ~~In combination with a~~ A bow string release comprising: having a trigger lever having a constant trigger travel distance, a housing, ~~a substantially ring-shaped~~ manually adjustable trigger adjustment mechanism substantially coaxial with the housing.

Claim 17 (Original): A bow string release comprising:
a housing having an axis substantially perpendicular to a bow string;
jaws that rotate about the axis independently of the housing.

Claim 18 (Currently Amended): A trigger force adjustment mechanism for a bow string release comprising:
a compression spring;
an adjuster engaging the compression spring, for varying the compression of the compression spring, thereby altering a required trigger force;
an adjuster dial coupled with the adjuster and capable of being rotated thereby moving the adjuster forward or rearward;

whereby said adjuster maintains a constant trigger travel distance for a trigger.

Claim 19 (Currently Amended): A trigger force adjustment mechanism for a bow string release having a trigger requiring a trigger force to release a bow string, the trigger force adjustment mechanism comprising:

an adjuster dial;

an adjuster in cooperative communication with the adjuster dial and a trigger mechanism having constant trigger travel distance, the adjuster responsive to rotation of the adjuster dial to alter the trigger force to release the bow string.

Claim 20 (Original): A trigger force adjustment mechanism according to claim 19, the trigger force adjustment mechanism further comprising a compression spring carried between the adjuster and the trigger mechanism.

Claim 21 (Original): A trigger force adjustment mechanism according to claim 20, the trigger force adjustment mechanism further comprising a locking sleeve carried between the trigger mechanism and the compression spring.

Claim 22 (Original): A trigger force adjustment mechanism according to claim 21, the locking sleeve urging a plurality of ball bearings against an inner race.

Claim 23 (canceled).

REMARKS

In a telephone conversation with Examiner Ricci on November 19, 2002, the applicant discussed compliance with 37 CFR 1.98(a)(2) and Examiner Ricci and the applicant agreed that the applicant could cite to legible copies of each U.S. and foreign patent which reside in co-pending applications, and that Examiner Ricci would consider those references. This would eliminate the need for applicant to provide duplicate copies of a large number of prior art references, when those references are available to the Examiner in other pending cases. For simplicity, the applicant has submitted a new IDS with copies of all references cited. Note that there are additional references cited in the newly submitted IDS. The applicant would appreciate the opportunity to reference hard copies of the references submitted herewith in future cases.

Claims 1-11 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Examiner has indicated that Claim 1 is confusing because it indicates that the trigger mechanism engages and releases the bowstring, rather than the jaws; and that it is not clear how the trigger mechanism is related to the jaws.

Applicant has more distinctly claimed the subject matter which applicant regards as the invention by deleting reference to the trigger mechanism in claims 1-11. The applicant has deleted the claim element "a trigger mechanism operatively disposed on the release for engaging and